	20-Sep-16 REPORT OF NAVIGATION CHANNELS EP 1130-2-520						
<u>UMPQUA RIVER - OREGON</u>					Minimum depths in each 1/4 or 1/2 width of channel entering from seaward		
Authorized Project NAME OF CHART Name of Channel (Mileage)	Date of Survey	Feet Width	Miles Length	Project Depth	Left Outside Quarter Feet	Mid-Channel for half project width Feet	Right Outside Quarter Feet
UMPQUA RIVER ENTRANCE Entrance Channel (-1.4 to -0.2)	30-Aug-16		1.2	26	23	26	26
Umpqua River Turn (-0.2 to 1.1) SALMON HARBOR REACH	0 Aug 16	200	1.3	22	20	20	20
BARRETTS RANGE	9-Aug-16 21-Mar-16	200	2.0	22	18 21	19	18
MILE SIX BAR CANNERY SANDS	7-Apr-16 6-Apr-16	200	2.2	22		20	18
Jct. To Leeds Isl. Lt. Gardiner Channel		200 200	1.8 1.2	22 22	13 10	13 10	12 2
Turning Basin			0.2	22	4	2	1
REEDSPORT REACH Channel (9.65-10.8)	14-Apr-16	200	1.15	22	15	15	15
Turning Basin Channel (11.0-11.8)		600 200	0.2 0.8	22 22	19 12	26 12	22 3
WINCHESTER BAY West Channel	28-Oct-15	100	0.8	16	8	11	11
East Channel (0.0-0.7) East Channel (0.7-0.9)		100	0.7	16	13	15	14
		75	0.2	12	8	3	2

ENG Form 4021-R (1990) Reference is Navigation Chart No. 18584. NOTE All Depths refer to Mean Lower Low Water.

Page 17

